

Atty. Dkt. No. 054821-0548

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Petersen et al.

Title: BATTERY PASTE MATERIAL AND METHOD

Appl. No.: 10/576,427

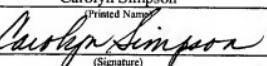
International Filing Date: 10/21/2004

371(c) Date:

Examiner: Not yet assigned

Art Unit: Not yet assigned

Conf. No.: 3710

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56**

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Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR

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§1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English-language counterpart of the foreign-language document has not been provided. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP§609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

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Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 06-1447.

Respectfully submitted,

Date 4/20/2007

By MWS

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Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/576,427	
Date Submitted: April 20, 2007 <i>(use as many sheets as necessary)</i>			Filing Date	10/21/2004	
			First Named Inventor	Ralph A. Petersen	
			Art Unit	Not yet assigned 1795	
			Examiner Name	Not yet assigned Kalafut	
Sheet	11	of 12	Attorney Docket Number 054821-0548		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)	MM-DD-YYYY		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ "Number" Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					T ⁵
A1	EP 1 261 040 A1		14-27-2002	Chen et al.	
A2	WO 2004/059772 A2		07-15-2004	Nitoche et al.	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
					T ⁶
A3	DREIER, ILONA ET AL., "Investigation on cracking and formation of lead-acid battery plates with different mass structure," <i>Journal of Power Sources</i> , 2000, pages 117-130, Volume 85.				
A4	PAVLOV, D. ET AL., "Influence of paste composition and curing program used for the production of positive plates with Pb/Sn-C grids on the performance of lead-acid batteries," <i>Journal of Power Sources</i> , 2003, pages 137-159, Volume 114.				
A5	VILHUNEN, JJK ET AL., "Processess during preparation of lead-acid battery positive plates from tetrasulfate lead sulfate (4BS) pastes," <i>Journal of Power Sources</i> , Oct./Dec. 1993, pages 269-283, Vol. 46, Nos. 2/3.				
A6	International Search Report for Application No. PCT/US2004/034710, mailing date March 2, 2005, 2 pages				
/SK/	A7 Written Opinion of the International Searching Authority for Application No. PCT/US2004/034710, mailing date March 3, 2005, 7 pages.				

Crossed out foreign documents are cited on page 3.

Crossed out NPL are cited on page 4.

Examiner Signature	/Stephen Kalafut/	Date Considered	03/06/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation identifier (use for tracking) (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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